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Atty. Docket No.

Serial No.

99,913-X

To Be Assigned.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

Applicant:

Zablocki et al

Filing Date:

11/1/01

Group: Art Unit:

1623

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>gpc</i>	AA	5,789,416 A	8/4/98	Lum et al.	—	—	
<i>gpc</i>	AB	4,373,097 A	2/8/93	Stramentinoli et al.	—	—	
<i>gpc</i>	AC	5,589,467 A	12/31/96	Lau et al.	—	—	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

<i>gpc</i>	AD		B. Lerman et al, "Cardiac Electrophysiology of Adenosine", <i>Circulation</i> , Vol. 83 (1991) p. 1499-1509 ; (May, 1991).
<i>gpc</i>	AE		J.C. Shryock, "Adenosine and Adenosine Receptors in the Cardiovascular System: Biochemistry, Physiology, and Pharmacology", <i>The Am. J. Cardiology</i> , Vol. 79 (1997) p. 2-10. (June 19, 1997).
<i>gpc</i>	AF		J.D. Thornton, "Intravenous Pretreatment with A ₁ -Selective Adenosine Analogues Protects the Heart Against Infarction". <i>Circulation</i> , Vol. 85 (1992), p. 659-665 (02/1992).
<i>gpc</i>	AG	!	E. A. van Schaick et al., J., "Physiological Indirect Effect Modeling of the Antilipolytic Effects of Adenosine A ₁ -Receptor Agonists", <i>Pharmacokinetics and Biopharmaceutics</i> , Vol. 25 (1997) p. 673-694
<i>gpc</i>	AH	!	P. Strong, "Suppression of non-esterified fatty acids and triacylglycerol in experimental animals by the adenosine analogue GR79236", <i>Clinical Science</i> , Vol. 84 (1993), p. 663-669 ; (
EXAMINER L. E. Crane			DATE CONSIDERED 03/13/2005

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09/980,533 - PTO-1449 #1

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Zablocki et al.

Filing Date:

11/1/01

Group: Art Unit

1623

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AI		D. Thiebaud et al, "Effect of Long Chain Triglyceride Infusion on Glucose Metabolism in Man", <i>Metab. Clin. Exp.</i> , Vol. 31 (1982), p. 1128-1136 (November, 1982).
AJ		G. Boden et al., "Mechanism of Fatty-Acid-Induced Inhibition of Glucose Uptake", <i>J. Clin. Invest.</i> , Vol. 93, (1994) p. 2438-2446 (June, 1994).
AK		P.J. Randle et al., "The Glucose Fatty-Acid Cycle Its Role in Insulin Sensitivity and the Metabolic Disturbances of Diabetes Mellitus", <i>Lancet</i> (1963) p. 785-789 (4/13/1963).
AL	!	Klitgaard, et al., "Contrasting Effects of Adenosine A ₁ and A ₂ Receptor Ligands in Different Chemoconvulsive Rodent Models," <i>Eur. J. Pharmacol</i> (1993), Vol. 224, pp. 221-228
AM	!	G. Zhang, "Activation of adenosine A ₁ receptors underlies anticonvulsant effect of CGS21680", <i>Eur. J. Pharmacol</i> , Vol. 255 (1994), p. 239-243
AN		Knutsen, "N-Substituted Adenosines as Novel Neuroprotective A ₁ Agonists with Diminished Hypotensive Effects", <i>J. Med. Chem.</i> , Vol 42 (1999) p. 3463-3477 (8/18/1999).
AO		Vergauwen, et al., "Adenosine Receptors Mediate Synergistic Stimulation of Glucose Uptake and Transport by Insulin and by Contractions in Rat Skeletal Muscle", <i>J. Clin. Invest</i> , (1994) 93, 974-81 (March, 1994).
AP	!	Gellai, et al., "CVT-124, a Novel Adenosine A ₁ Receptor Antagonist with Unique Diuretic Activity", <i>JPET</i> , (1998) 286, p. 1191-6
AR	!	Wilcox. et al., "Natriuretic and Diuretic Actions of a Highly Selective Adenosine A ₁ Receptor Anagonist," <i>J. Am. Soc. Nephrol</i> , (1999) 10, p. 714-720
AS		R.B. Clark, et al., "Partial agonists and G protein-coupled receptor desensitization", <i>TIPS</i> , Vol. 20 (1999), p. 279-286 (July, 1999).
AT	!	D. M. Dennis et al., "Homologous Desensitization of the A ₁ -Adenosine Receptor System in the Guinea Pig Atrioventricular Node," <i>JPET</i> , Vol 272 (1995), p. 1024-1035
AU	**	Parsons, J., "Heterologous Desensitization of the Inhibitory A ₁ Adenosine Receptor-Adenylate Cyclase System in Rat Adipocytes", <i>J Biol. Chem.</i> Vol 262 (1987) p. 841-847
AV	!	Snowdy, S., et al. "A Comparison of an A ₁ Adenosine Receptor Agonist (CVT-510) with Diltiazem for Slowing of AV Nodal Conduction in Guinea-Pig", <i>British Journal of Pharmacology</i> , 126, p. 137-146 (1999).
EXAMINER L. E. Crane		DATE CONSIDERED 03/13/2005

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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** Published January 15, 1987).

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Notice of References Cited		APPLICANT(S) Zablocki et al.		

U. S. Patent Documents

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate
*	A	5,789,416 A	08/04/98	Lum et al.	514	261.000	
*	B	6,258,793 B1	07/10/01	Palle et al.	514	046.000	
*	C	6,294,522 B1	09/25/01	Zablocki et al. (I)	514	046.000	
	D	6,605,597 B1	08/12/03	Zablocki et al. (II)	514	046.000	

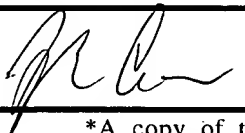
Foreign Patent Documents

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS		
*	L	W O 99/24450 A2	05/20/99	World(PCT/WO)	Glaxo Grp. Ltd.	-----	-----		
*	M	W O 99/24451 A2	05/20/99	World(PCT/WO)	Glaxo Grp. Ltd.	-----	-----		

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	R	Hutchinson et al., "Adenosine Receptor Ligands with Oxygenated N⁶-Substituents," <i>Bioorganic & Medicinal Chemistry Letters</i> , 9(7), 933-936 (April 5, 1999).
*	S[†]	Snowdy et al., "A Comparison of an A₁ Adenosine Receptor Agonist (CVT-510) with Diltiazem for Slowing of AV Nodal Conduction in Guinea-Pig," <i>British Journal of Pharmacology</i> , 126(1), 137-146 (1999).
*	T[†]	Lerman et al., "Electrophysiologic Effects of a Novel Selective Adenosine A₁ Agonist (CVT-510) on Atrioventricular Nodal Conduction in Humans," <i>Journal of Cardiovasc. Pharmacol. Therapeut.</i> , 6(3), 237-245 (2001).
*	U[†]	Cheng et al., "Activation of Adenosine A₁ Receptors by Drugs to Lower Plasma Glucose in Streptozotocin-Induced Diabetic Rats," <i>Autonomic Neuroscience: Basic and Clinical</i> , 83, 127-133 (2000).

[†] Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

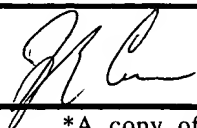
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Form PTO-892 U.S. Department of Commerce	Serial Number 09/980,533	Group Art Unit 1623	Attachment to Paper Number 03152005	
Notice of References Cited	APPLICANT(S)			
	Zablocki et al.			

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	V†	Vannucci et al., "A ₁ -Adenosine Receptor-Mediated Inhibition of Adipocyte Adenylate Cyclase and Lipolysis in Zucker Rats," <i>American Journal of Physiology</i> , 257 (Endocrinol. Metab., 20), E871-878 (1989).
*	W†	Von Lubitz et al., "Protection Against Ischemic Damage by Adenosine Amine Congener, a Potent and Selective Adenosine A ₁ Receptor Agonist," <i>European Journal of Pharmacology</i> , 369, 313-317 (1989).
*	X	Tommasi et al., "Low-Dose Dipyridamole Infusion Acutely Increases Exercise Capacity in Angina Pectoris - A Double-Blind, Placebo Controlled Crossover Stress Echocardiographic Study," <i>J. American College of Cardiology</i> , 35(1), 83-88 (January, 2000).
*	Y†	Louttit et al., "The Time Course of Cardioprotection Induced by GR79236, A Selective Adenosine A ₁ -Receptor Agonist, in Myocardial Ischaemia-Reperfusion Injury in the Pig," <i>Journal of Cardiovascular Pharmacology</i> , 33(2), 285-291 (1999).
*	Z	L. Carroll, "Mounting Data on Epilepsy Points to Dangers of Repeated Seizures," <i>The New York Times, Sec. D (Science Times)</i> , pages D5 and D8, February 18, 2003.

† Month of publication data could not be determined from the copy in hand. Issue Number information is provided whenever possible following the volume number in parentheses.

EXAMINER L. E. Crane 	DATE 03/14/05	page 2 of 2 ¥: Reference not presently available.
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